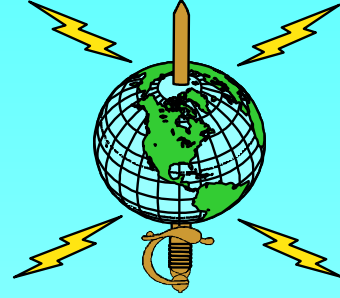


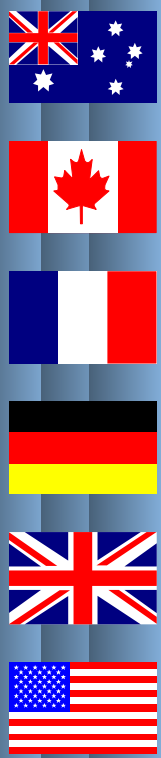
MIC
Network MIWG

Presented by
Col Simon Shadbolt

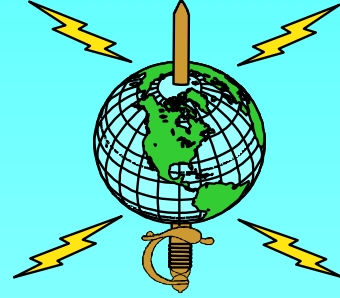
MIC-CCEB SOC



- The role of the CCEB is to:
 - Maximize the effectiveness of combined operations through C4 interoperability.
 - Enhance interoperability of military communications and information systems.
- The role of MIC is to:
 - provide a multinational forum to address policy, doctrinal, and planning issues affecting "information interoperability" in multinational operations.
 - SOC allows MIC Members to take part in related CCEB meetings
 - GE to be the next Net MIWG Chair (Jun 04/05)



CCEB Purpose



“To Optimise Information Sharing by Delivering Capabilities, Policies and Procedures in order to Maximize the Effectiveness of the Warfighter in Coalition Operations”

Areas of Activity:

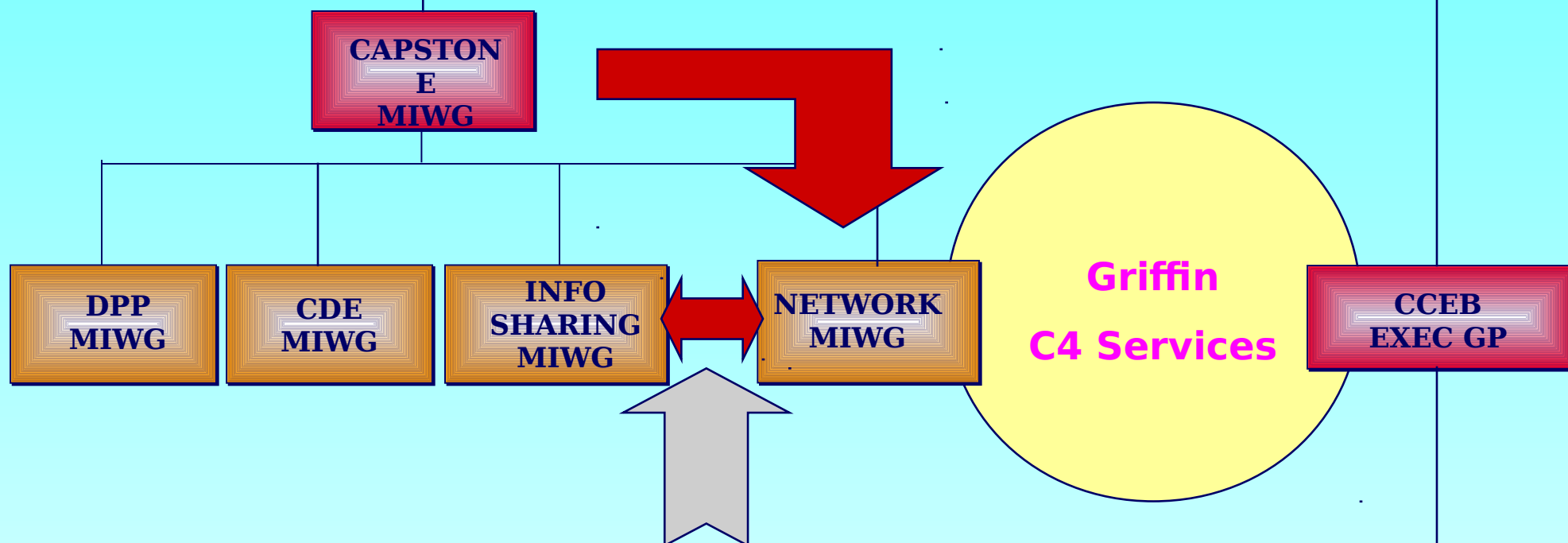
- **Coordination of Multinational C4 Activities**
- **Coalition Networks**
- **Messaging**
- **C4 Procedures and Standards (ACPs)**
- **Frequency/Spectrum Planning**
- **Directory Services**
- **Information Assurance**

MIC / CCEB Relationship



MIC Principals

CCEB Principals



IS MIWG identifies operational users needs and priorities.

Network MIWG provides conduit between MIC and CCEB to develop and implement solutions to satisfy users needs

Technical Working Groups

MIWG Direction

- **MIC needs to clearly articulate operational requirements (COP, WEB capability, SA, Info Exchange)**
 - **CAPSTONE and IS MIWG lead, influenced by Network MIWG**
- **MIWGs/Capstone interaction**
 - **Need for a more inclusive approach to MIC interoperability issues.**
 - **Combat ID**
 - **Information Management**
 - **COP**

GRIFFIN Capabilities



Griffin Network

- **Permanent network linking national C2 systems at Strategic and Operational level**
- **Enables secure Multi-Eyes crisis management, campaign planning, and execution.**
- **A secure strategic and operational level network to complement tactical Coalition Networks.**
- **Multiple security domains, Cryptographically separated**

Proposed Services



Griffin Network

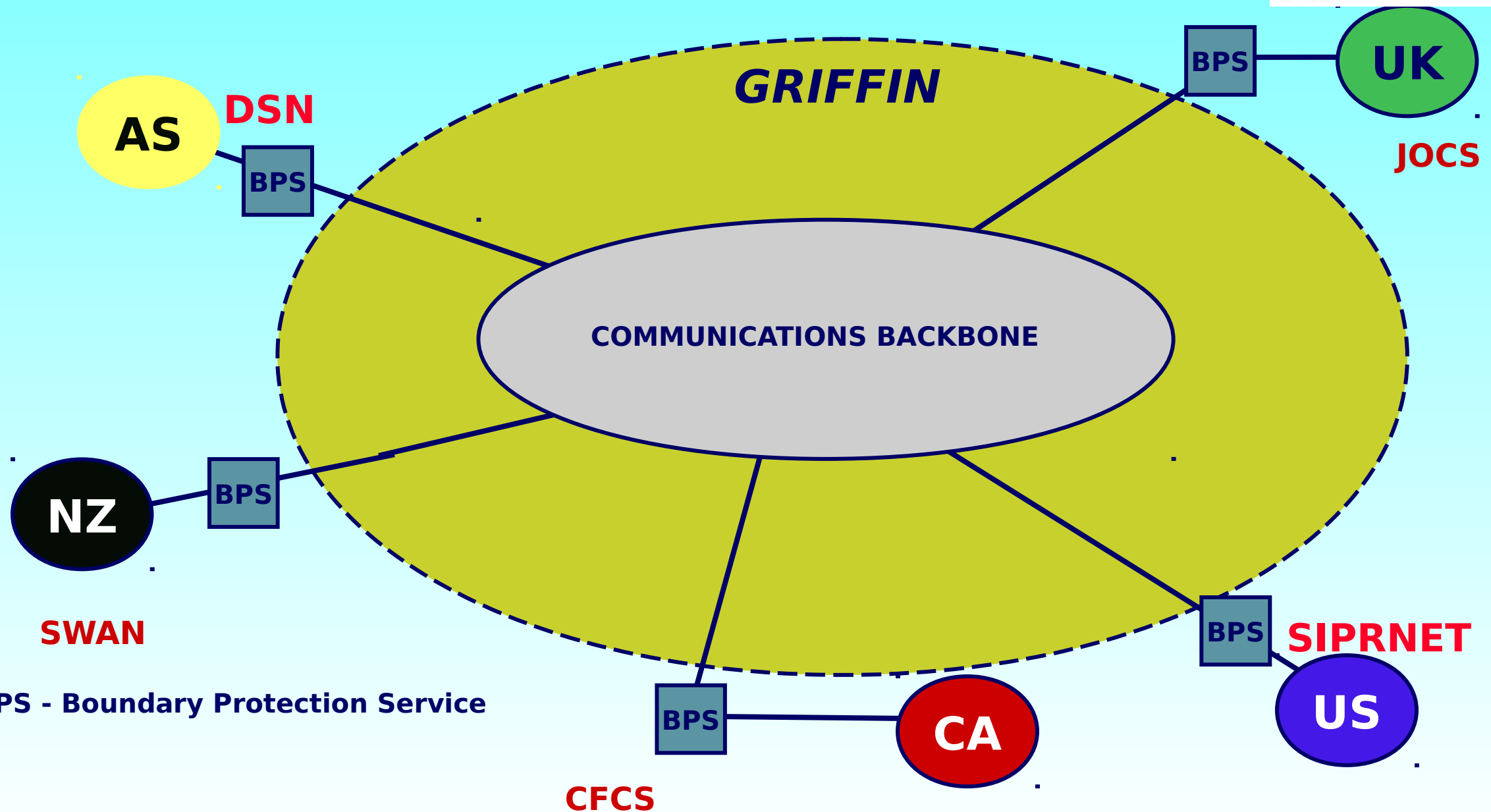
- **Next Services:**
 - **Initial Web Services**
 - **Enhanced Directory Services**
 - **CHAT**
 - **COP**
 - **Military Messaging**
 - **Reachback**

- **Future Services:**
 - **VTC**
 - **Advanced Web Services**
 - **Shared Applications**
 - **Collaborative Planning Tools**

5-Eyes High Level Overview



Griffin Network



5-Eyes current Status (



Griffin Network

- **E-mail + attachments:**
 - All nations are connected
 - Service continues to be developed e.g. Directory Svcs
 - National issues being resolved
- **Web Services:**
 - Static Web service is being developed
- **IS MIWG/CAPSTONE to define:**
 - Information requirements for Web
 - Process for Users to manage the information on the web.

5-Eyes current Status (



Griffin Network

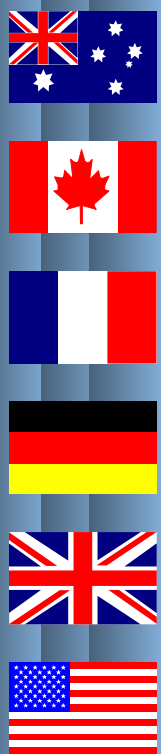
- **Reachback enables nations to extend their national connectivity to remote, deployed or national elements embedded within other nations.**
 - **Australia leads**

Implementing 6-Eyes



Griffin Network

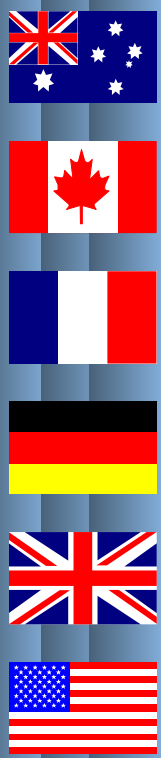
- **6-Eyes Griffin Domain**
 - **TF established - Chaired by France**
 - **Business Case Developed**
 - **Meetings scheduled in Mar, May & Sep 04**
 - **Collocated with MIC & CCEB WGs**
 - **Threat and Risk Assessment Required**
- **Entry Criteria**
 - **Interconnection of Classified National networks**
 - **Common crypto standard**



Net MIWG PRIORITIES

Seeking MIC Endorsement for:

- Coalition Networking Strategy - Improved Information exchange in coalition operations
- Spectrum - Congestion of battlespace frequencies
- IP Version 6 migration - National alignment to enable Network Centric Operations and improve interoperability
- Coalition Networking Architecture - Common approach to Network development
- Information Management.
- Information Assurance.
- COP - Operational requirement?
- Combat ID (CID) - C4 support to wider MIC issue?



Decisions Required From Capstone

- Agree Priority of Work
- Recognise work relationship between CCEB and MIC
- Agree Network MIWG Chairmanship
- Commit to provide detailed operational user requirements for COP, Web, CHAT & Combat ID

